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PATENT, TRADEMARK,  
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May 11, 2006

Certificate  
MAY 17 2006  
of Correction

Attn: The Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

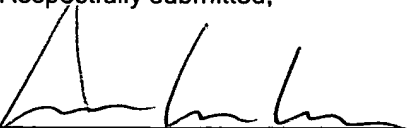
Re: U.S. Patent No.: 6,944,163 B2  
Issued: September 13, 2005  
Title: 10 GIGABIT ETHERNET MAPPINGS FOR A COMMON  
LAN/WAN PMD INTERFACE WITH A SIMPLE  
UNIVERSAL PHYSICAL MEDIUM DEPENDENT INTERFACE  
Inventors: Paul A. Bottorff, et al.  
Our Docket No.: 36602US1

Sir:

A Certificate of Correction under 35 U.S.C. 254 is hereby requested to correct Patent Office printing errors in the above-identified patent. Enclosed herewith is a proposed Certificate of Correction (Form No. PTO-1050), and documentation in support of the proposed corrections for consideration.

It is requested that the Certificate of Correction be completed and mailed at an early date to the undersigned attorney of record.

Respectfully submitted,

By   
James M. Moore, Reg. No. 32923

JMM/ck  
Enclosures: Form PTO/SB/44

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

James M. Moore

Name of Attorney for Applicant(s)

5/2/06  
Date

  
Signature of Attorney

MAY 17 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,944,163 B2  
DATED : September 13, 2005  
INVENTOR(S) : Paul A. Bottorff et al.

PAGE 1 OF 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 24

Column 11, line 63, after "16," and before "comprising", please insert --further--.

Claim 35

Column 12, line 65, after "as" and before "claim", please insert --claimed in--.

Column 12, line 65, after "wherein", please delete --claimed in--.

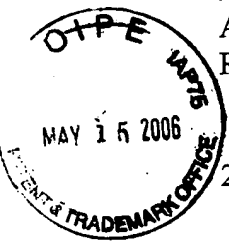
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PATENT NO. 6,944,163 B2

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26. [Original] A method as claimed in claim 18, wherein the step of mapping the compressed data stream to the synchronous container comprises adding successive MAC frames of the compressed data stream directly to the synchronous container.

27. [Original] A method as claimed in claim 26, wherein successive MAC frames of the compressed data stream are added to the synchronous container starting immediately following the stripped TOH.

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28. [Original] A method as claimed in claim ~~18~~, further comprising the steps of:

- a) receiving a synchronous container encapsulating a compressed Ethernet data stream;
- b) extracting the compressed Ethernet data stream from the received synchronous container; and
- c) decompressing the compressed Ethernet data stream.

29. [Original] A method as claimed in claim 28, wherein the step of extracting the compressed Ethernet data stream from the received synchronous container comprises the steps of:

- a) synchronizing a read clock with the received synchronous container; and
- b) reading successive MAC frames of the compressed Ethernet data stream from the received synchronous container starting immediately following a transport overhead (TOH) of the received synchronous container.

30. [Original] A method as claimed in claim 29, wherein the step of synchronizing a read clock with the received synchronous container comprises detecting a transition between A1 and A2 octets of the TOH.

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New  
Claim  
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~~a) a line/column frame format conforming to a conventional synchronous optical network (SONET) frame format; and~~

~~b) a stripped transport overhead (TOH).~~

35. [Currently Amended] An interface as claimed in claim 3433, wherein the frame format of the synchronous container conforms to a SONET synchronous transport signal-level 192 (STS-192C) frame format.

36. [Currently Amended] An interface as claimed in claim 3334, wherein the stripped TOH comprises only A1 and A2 octets of a conventional SONET frame TOH.

37. [Original] An interface as claimed in claim 36, wherein the stripped TOH comprises a predetermined number of each of the A1 and A2 octets.

38. [Original] An interface as claimed in claim 37, wherein the predetermined number is 24 or less.

39. [Original] An interface as claimed in claim 33, wherein the means for compressing the Ethernet data stream comprises means for removing an inter-frame gap (IFG) between successive MAC frames.

40. [Original] An interface as claimed in claim 39, wherein the means for compressing the Ethernet data stream further comprises means for removing idle MAC frames from the Ethernet data stream.

41. [Original] An interface as claimed in <sup>29</sup>claim ~~33~~, wherein the means for mapping the compressed data stream to the synchronous container comprises means for adding successive MAC frames of the compressed data stream directly to the synchronous container.

New  
Claim  
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